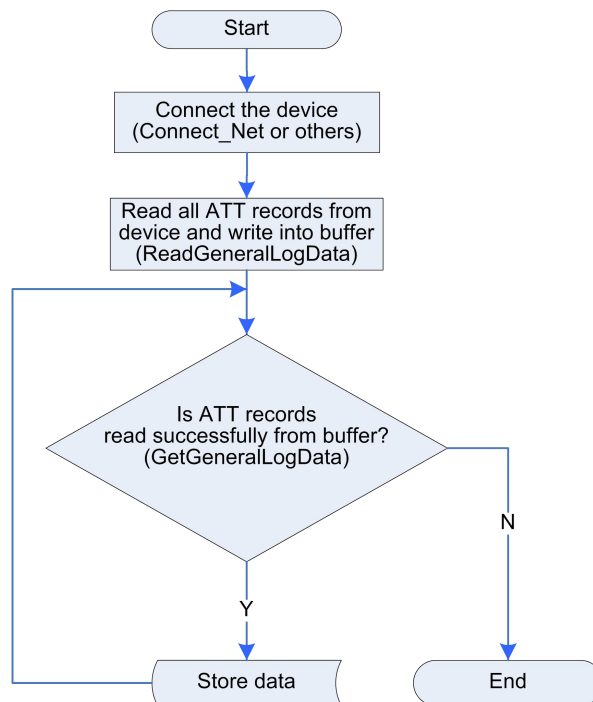


# 1 Common Processes

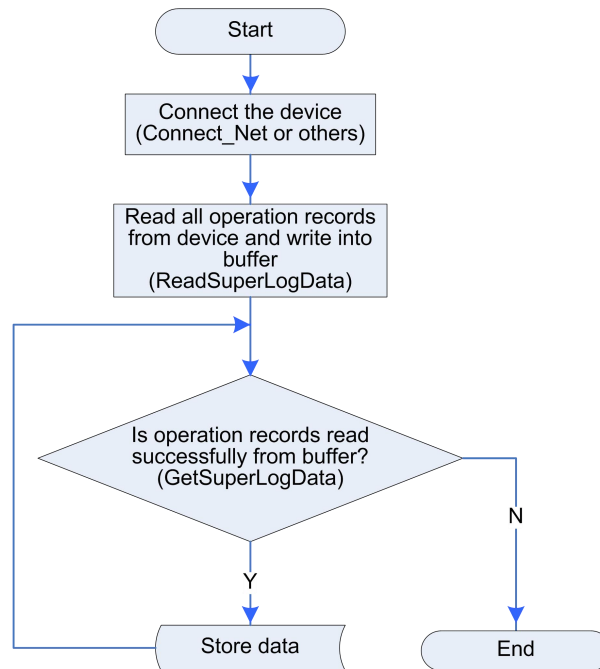
## 1.1 B&W Series

For details, see the descriptions of the demo program.

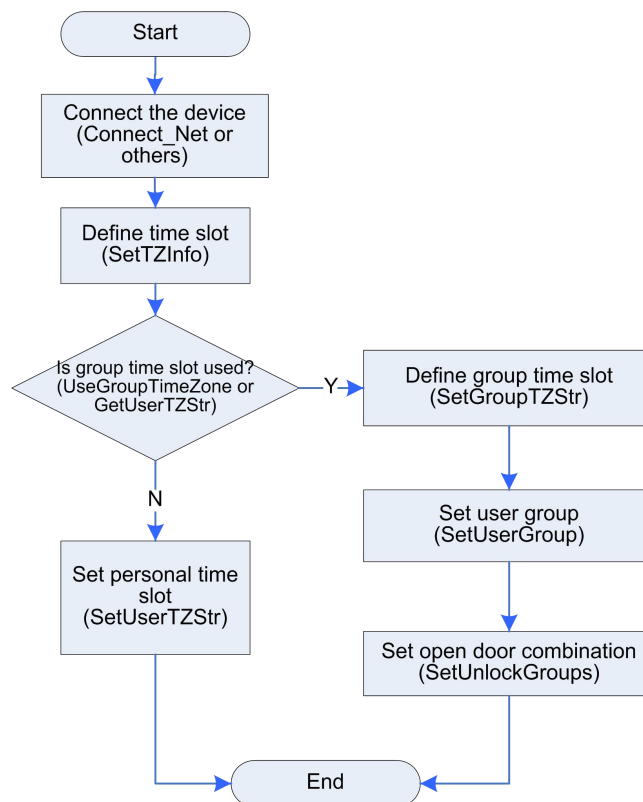
### 1.1.1 Downloading Attendance Records



### 1.1.2 Downloading Operation Records

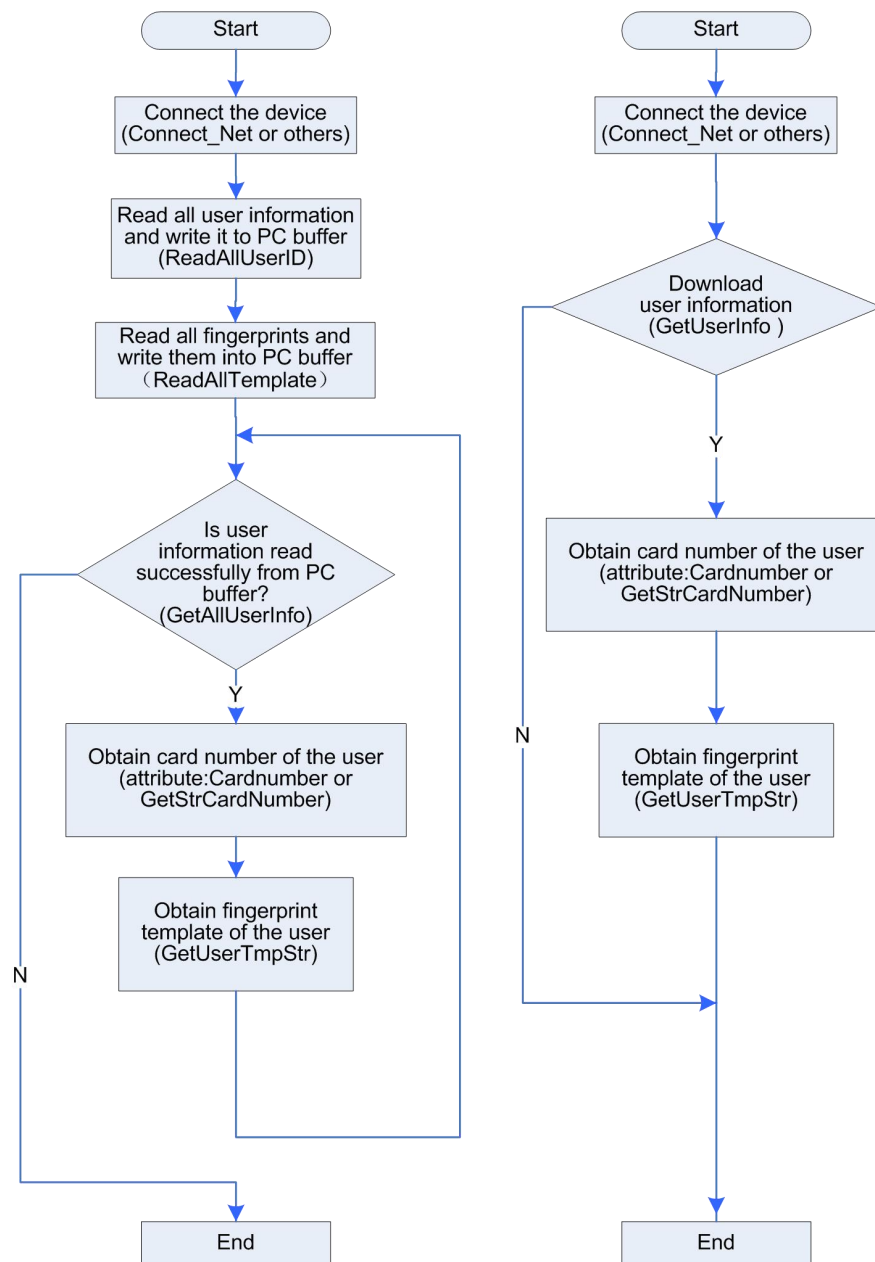


### 1.1.3 Setting Access Control



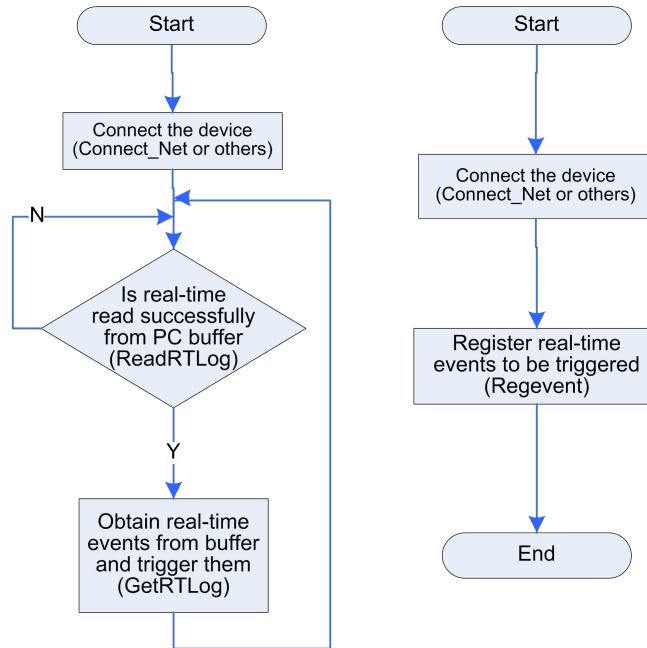
### 1.1.4 Downloading User Information, and Fingerprint Templates

The left diagram shows the process of downloading the information of all users. The right diagram shows the process of downloading the information of a specified user.



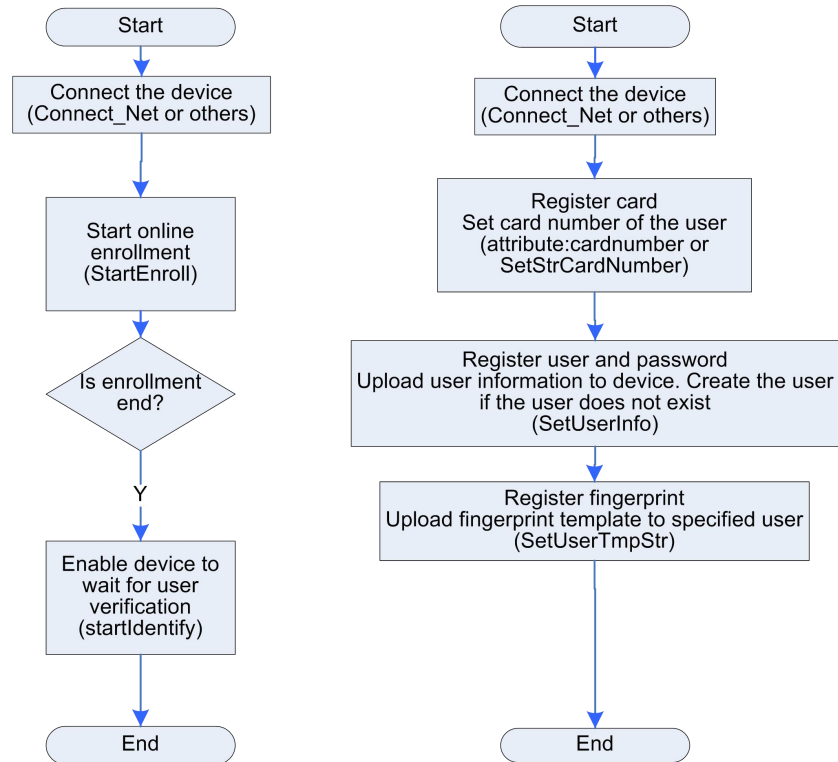
### 1.1.5 Receiving Real-time Events

Real-time events can be received in two modes. The second mode is recommended.

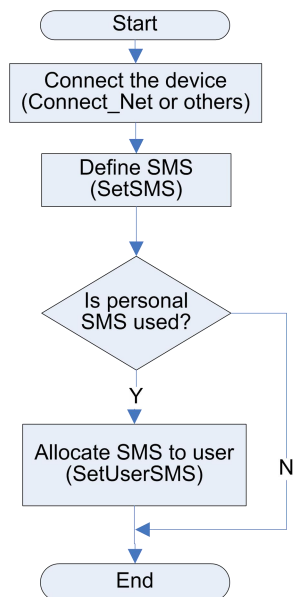


### 1.1.6 Enrolling Users Online (Uploading Information, and Fingerprint Templates of Users)

There are two online user enrollment modes. The left diagram shows the process in which the device accesses the enrollment interface to enroll a user after being connected. The right diagram shows the process of creating a user on the device and uploading the card number, password, and fingerprint information for the user (that is, enrolling a card user, a password user, and a fingerprint user).



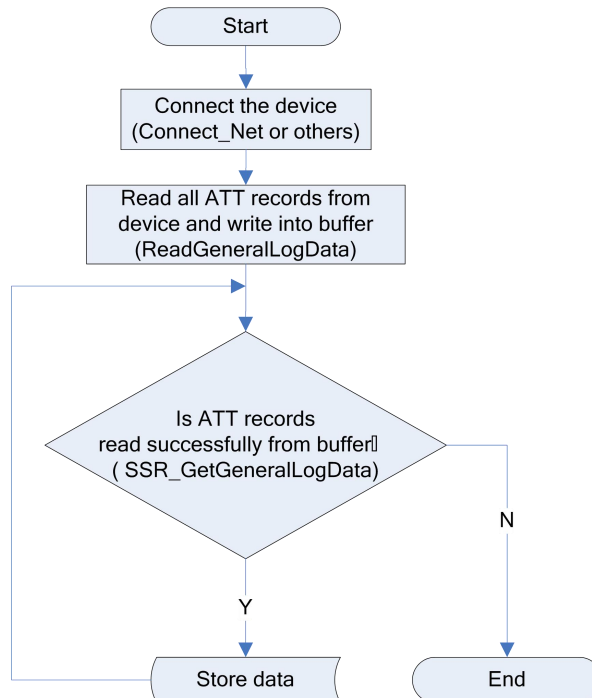
### 1.1.7 Uploading Short Messages



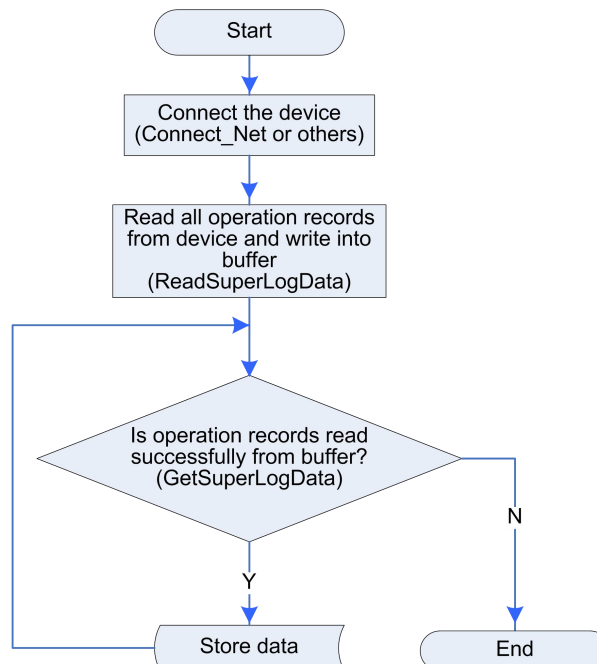
## 1.2 iFace Series

For details, see the descriptions of the demo program.

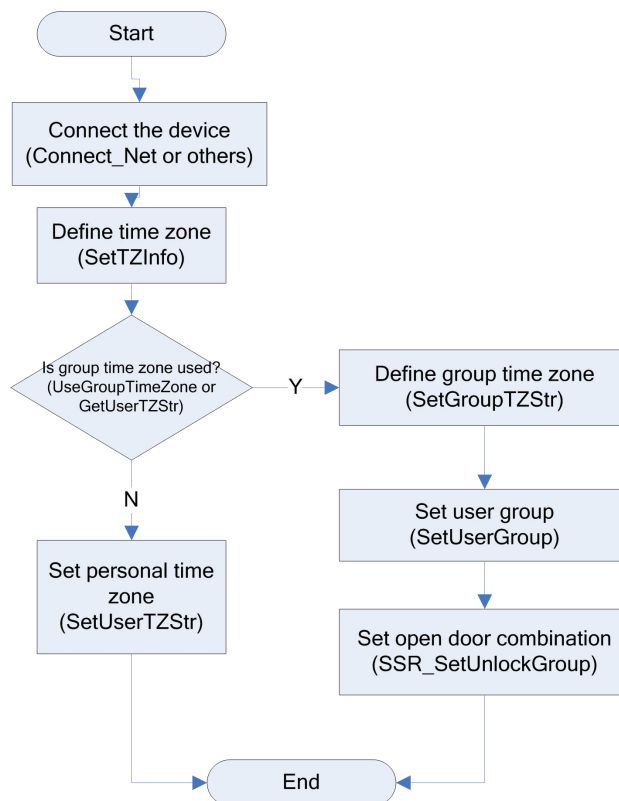
### 1.2.1 Downloading Attendance Records



### 1.2.2 Downloading Operation Records

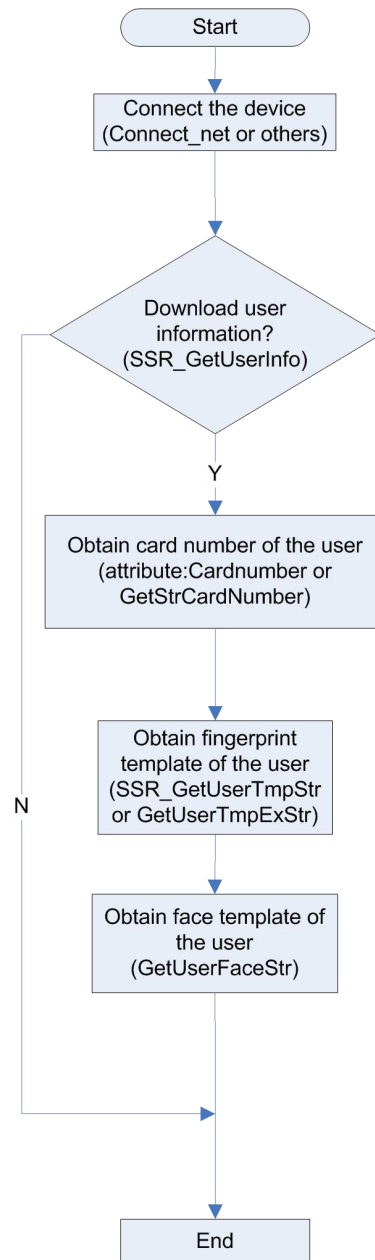
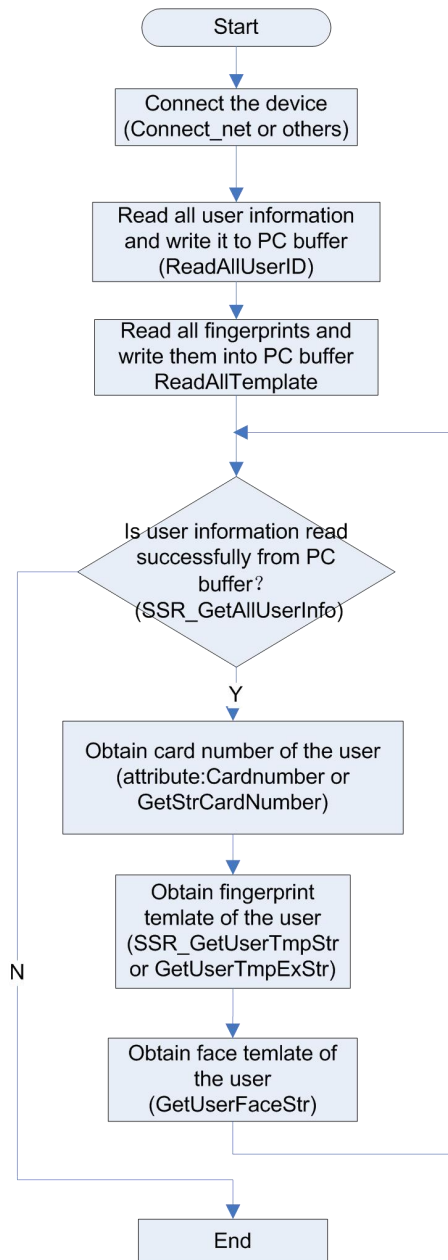


### 1.2.3 Setting Access Control



### 1.2.4 Downloading User Information, Fingerprint Templates, or Face Templates

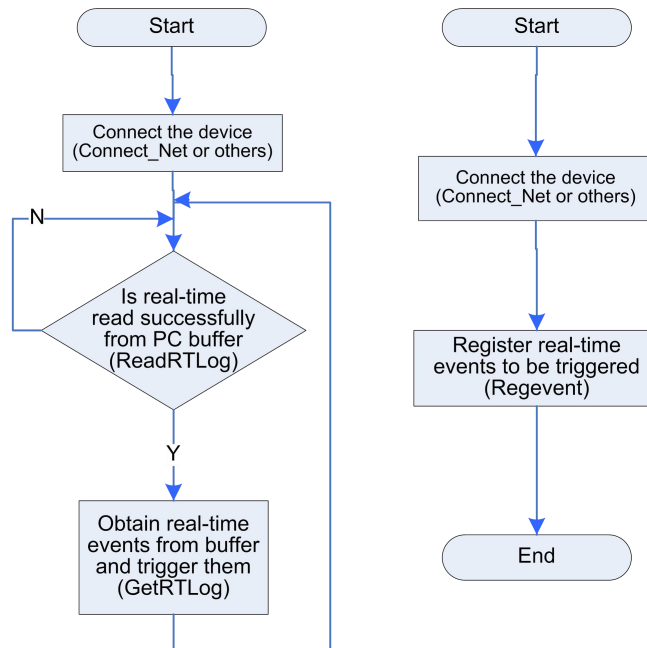
The left diagram shows the process of downloading the information of all users. The right diagram shows the process of downloading the information of a specified user.





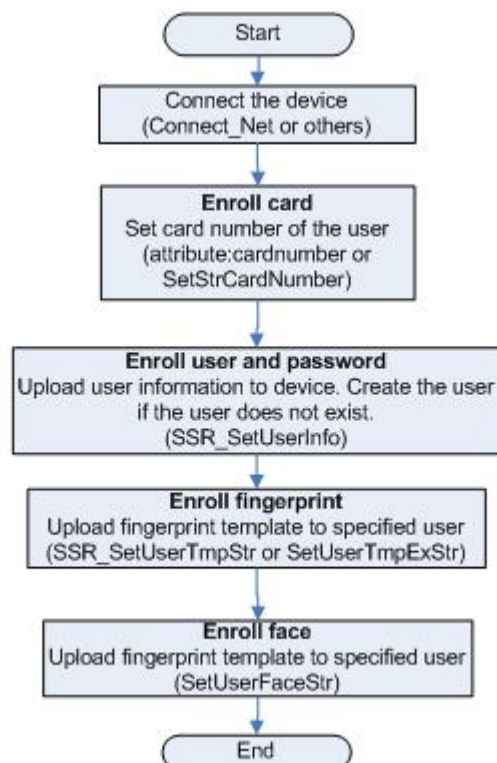
### 1.2.5 Receiving Real-time Events

Real-time events can be received in two modes. The second mode is recommended.



### 1.2.6 Enrolling Users Online (Uploading Information, Fingerprint Templates, and Face Templates of Users)

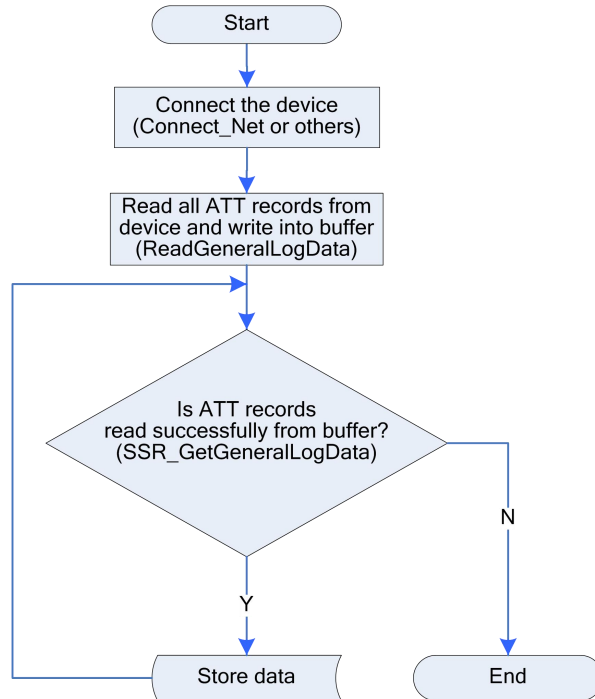
The following diagram shows the process of creating a user on the device and uploading the card number, password, and fingerprint information for the user (that is, enrolling a card user, a password user, and a fingerprint user).



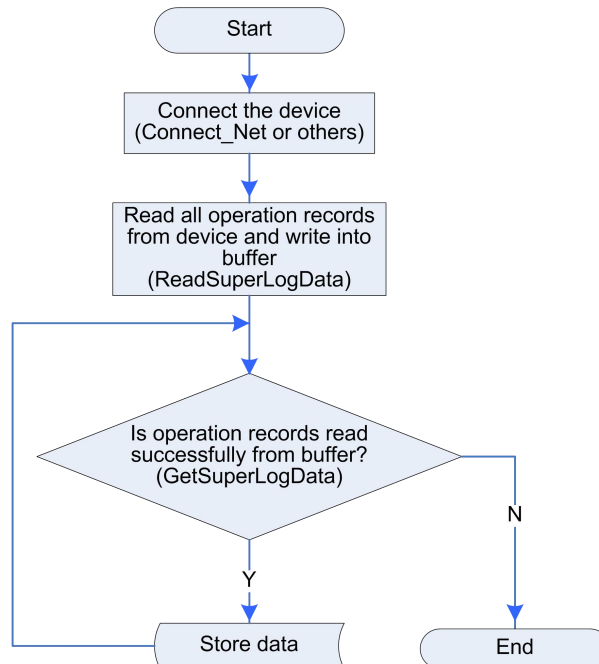
## 1.3 TFT Series

For details, see the descriptions of the demo program.

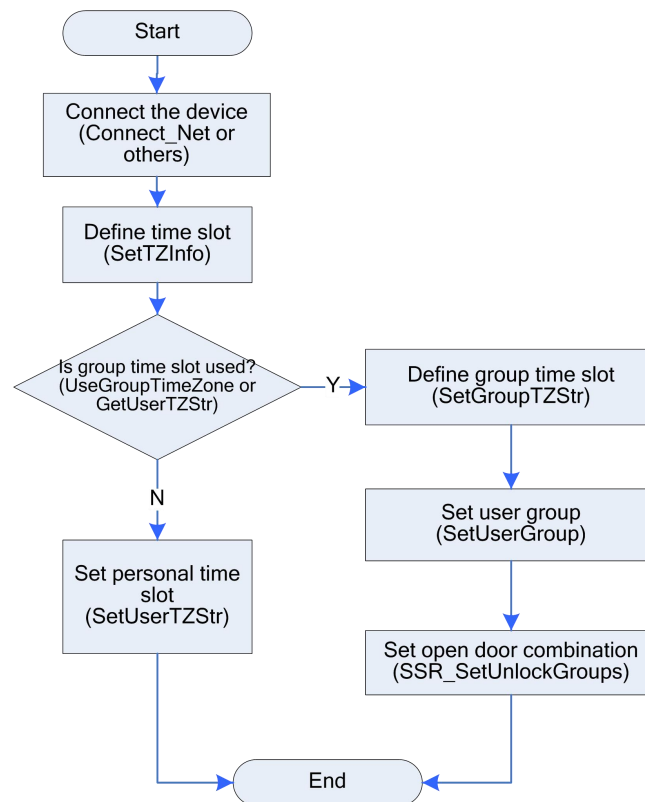
### 1.3.1 Downloading Attendance Records



### 1.3.2 Downloading Operation Records

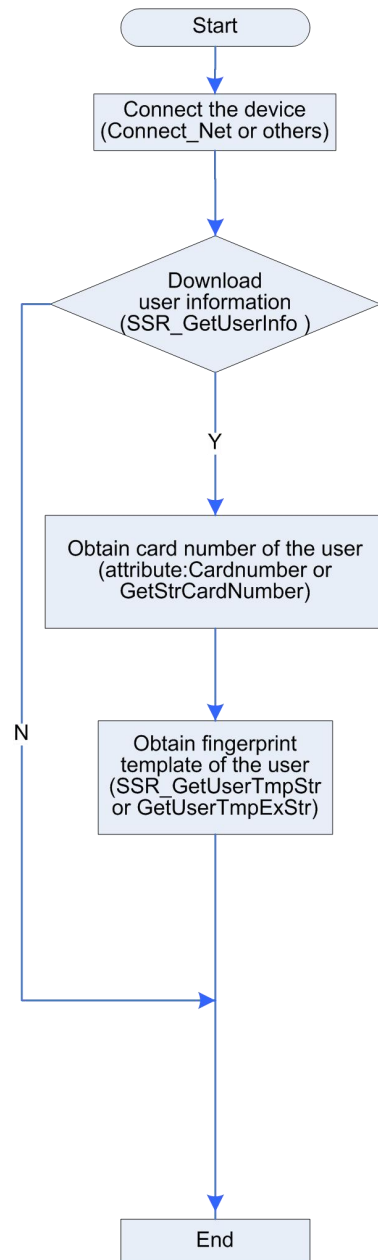
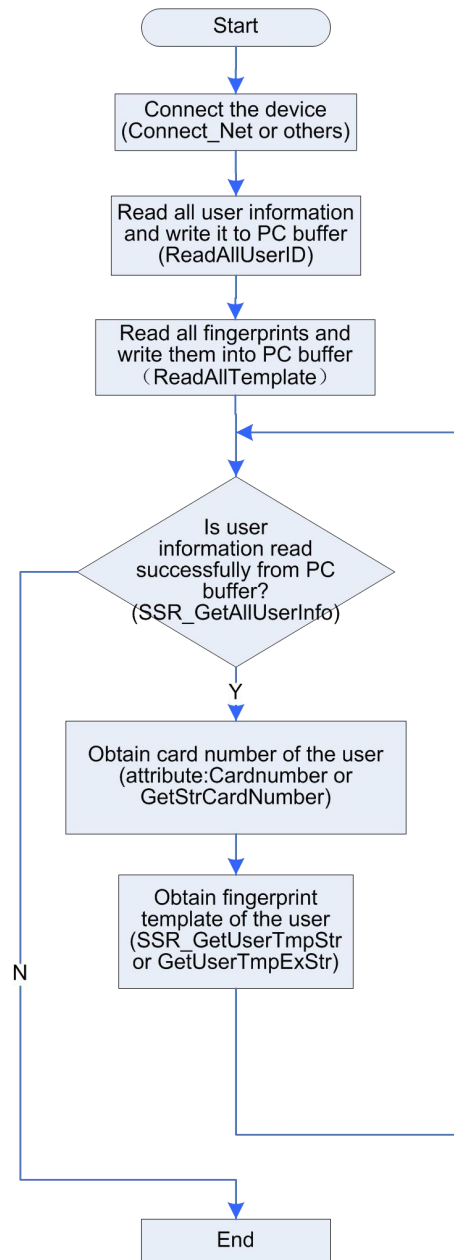


### 1.3.3 Setting Access Control



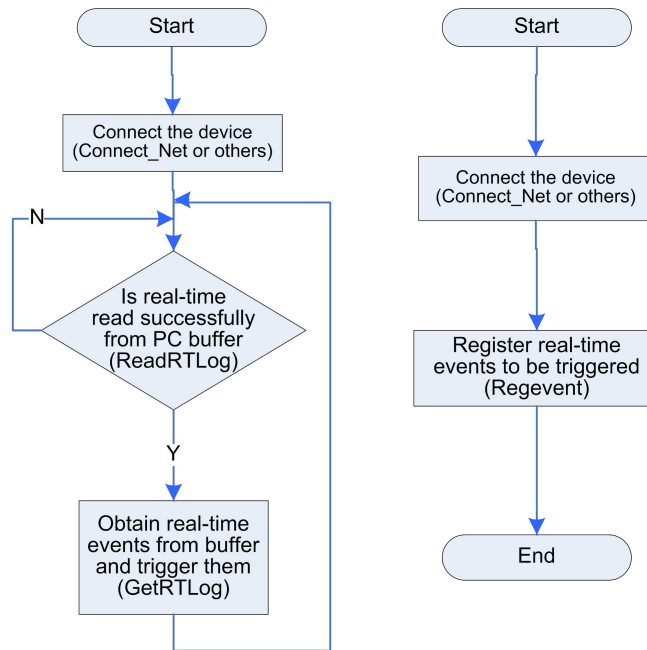
### 1.3.4 Downloading User Information, or Fingerprint Templates

The left diagram shows the process of downloading the information of all users. The right diagram shows the process of downloading the information of a specified user.



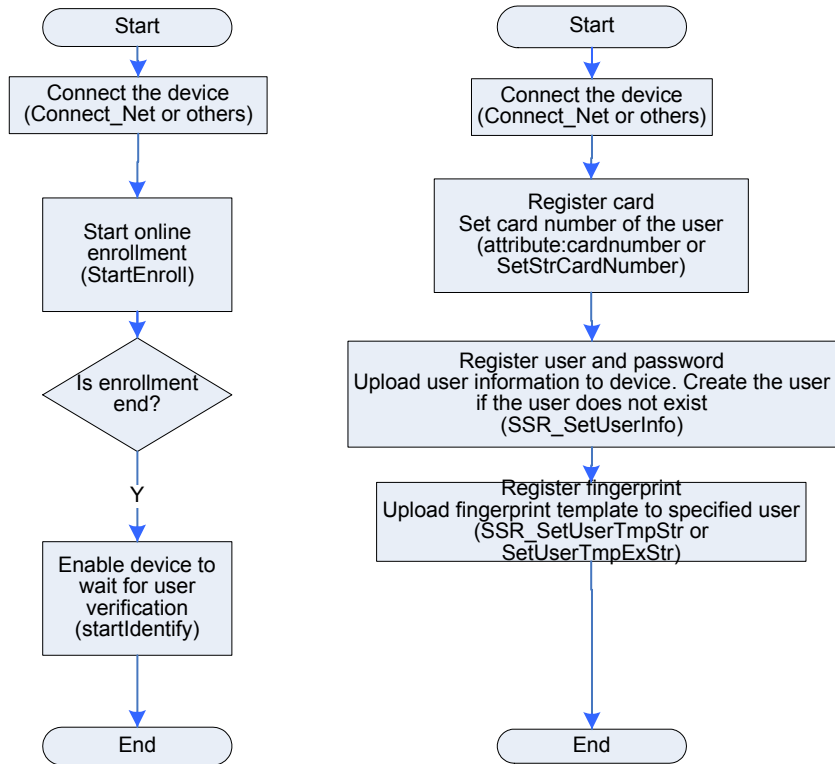
### 1.3.5 Receiving Real-time Events

Real-time events can be received in two modes. The second mode is recommended.



### 1.3.6 Enrolling Users Online (Uploading Information, and Fingerprint Templates of Users)

There are two online user enrollment modes. The left diagram shows the process in which the device accesses the enrollment interface to enroll a user after being connected. The right diagram shows the process of creating a user on the device and uploading the card number, password, and fingerprint information for the user (that is, enrolling a card user, a password user, and a fingerprint user).



### 1.3.7 Uploading Short Messages

